Impregnated cathode

Operation of the Barium Aluminate Impregnated Cathode. Journal of Applied Physics 28 (1957), no 12, p 1468.

ASSOCIATION: Výzkumný ústav pro vakuovou elektrotechniku, Praha (Research Institute for Vacuum Electro-Engineering,

Prague).

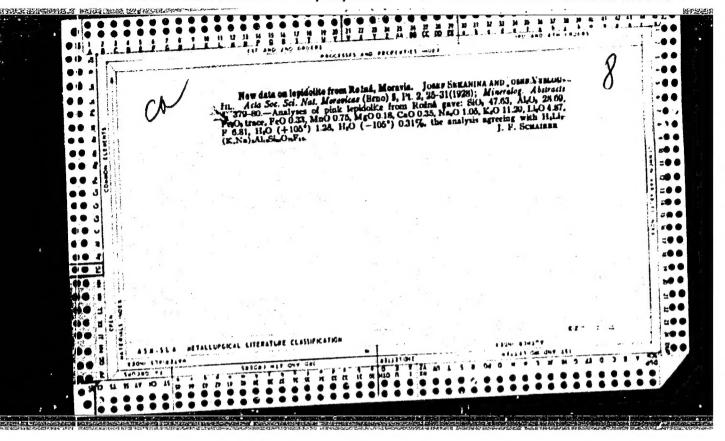
SUBMITTED: February 16, 1961

Card 9/9

#### VYSLOUZIL, F., MUDr.

Some conditions for increased accuracy of statistical data on incapacity for work. Cesk. Edrav. 13 no.6:307-309 (8'65.

1. Vyzkumny ustav organizace zdravotnictvi, Praha.



VYSLOUZIL, J.

"Frantisek Bartos' work in the field of folkloristic research."
p. 110. (Cosky Lid., Vol 43, No. 3, 1956, Prague, Czechoslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol 7, No. 12, Dec 58

## ENDRYS, Jiri; VYSLOUZIL, Josef

A possibility of phonocardiographic differentiation between flint and diastolic murmurs in mitral stenosis with the aid of amyl nitrite and noradrenalin. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) 4 no.4:405-411 161.

1. Kardiochirurgicke stredisko a chirurgicka klinika; prednosta prof. MUDr. J. Prochagka.

(PHONOCARDIOGRAPHY) (MITRAL STENOSIS diag)

(PHONOCARDIOGRAPHY) (MITRAL STENOSIS diag)
(NOREPINEPHRINE pharmacol) (NITRITES pharmacol)

POLACEK, Fremysl; STEINHART, Leo; ENDRYS, Jiri; VYSLOUZIL, Josef

Muscular bridges and loops over coronary arteries in coronariograms.

Cesk. morf. 10 no.3;251-258 '62.

1. Departments of Anatomy, Radiology and Surgery Charles' University Medical Faculty, Hradec Kralove.

(CORONARY VESSELS radiography) (ANGIOGNAPHY experimental)

ENDRYS, Jiri; KVASNICKA, Jiri; STEINHART, Leo; VORTEL, Vladimir; HRZEK, Vladimir; VYSLOUZIL, Jan; KRAVEC, Miroslav.

Method of measuring the volume of flow through bronchopulmonary anastomoses. Sborn.ved.prac.lek.fak.Karlov.Univ. (Hrad.Kral.) 6 no.3:219-223 '63.

1. Kardiochirurgicke stredisko (prednosta:prof. MUDr. J. Prochazka); I. interni klinika (prednosta: prof. MUDr. J. Rehor); Radiologicka klinika (prednosta DrSc., prof. MUDr. J. Bastecky); Patologicko-anatomicky ustaw (prednosta DrSc., MUDr. A. Fingerland) a Chirurgicka klinika (prednosta: prof., MUDr. J. Prochazka), Universita Karlova.

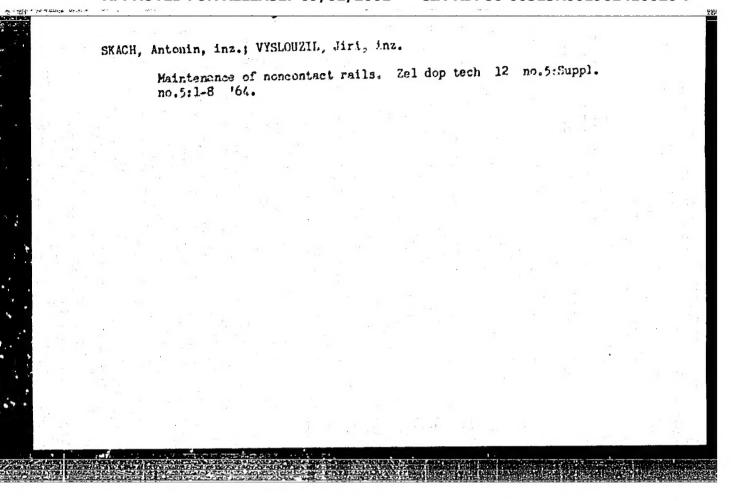
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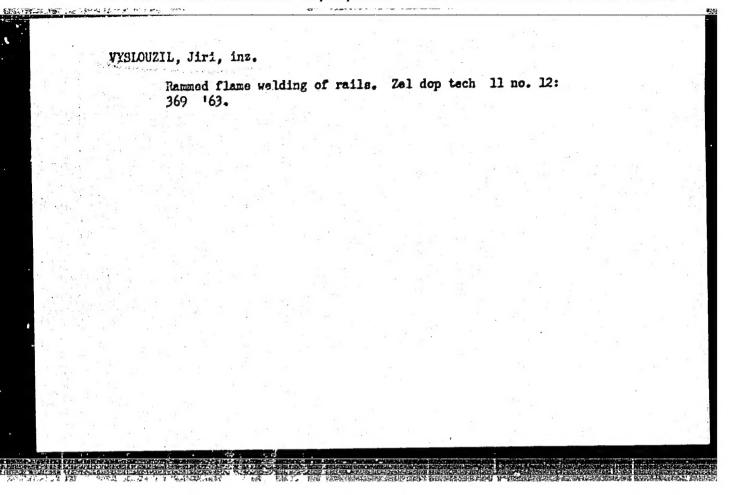
PROCHAZKA, J.; ENDRYS, J.; VYSLOUZIL, J.

Measurement of intracardiac pressures during surgery, and comparison of values with the anatomical findings at the mitral orifice. Cor vasa 4 no.3:219-224 162.

1. The Cardiosurgical Centre and Surgical Clinic, Charles University, Hradec Kralove.

(MITRAL STENOSIS surgery) (HEART CATHETERIZATION)





VYSLOUZIL, J., inz.; KOPIC, J.; VESELY, Karel

Protection from falling in mounting panel houses. Poz stavby 11 no.2: 104-106 '63.

1. Vojenske stavby, Praha (for Vyslouzil and Kopic). 2: Vyzkumny ustav stavebni vyroby (for Vesely).

VYSLOUZIL, Jiri, inz.

The PRMS mobile welding unit. Zel dop tech 12 no.11:292-294 \*64.

VYSLUZIL, J.; ENDRYS, J.; STEINHART, L.

Congenital supravalvular aortic stemosis with mitral insufficiency. Cor. vasa 6 no.2:164-167 164

1. Cardiosurgical Centre and Department of Radiology, Faculty of Medicine, Caroline University, Hradec Kralove, Czechoslovakia.

#### VYSLOUZIL, Pavel

Direct connection of the Aritma puncher with the recorder of processing machine coordinates. Good kart obzor 9 no.7:189-190 Jl 163.

1. Geodeticky a topograficky ustav, Praha.

VYSLOUBIL, S.; SVERCL, J.

Automatic welding under flux in the production of thinpsheet pressure vessels. p. 179.

ZVARANIE. (Ministerstvo hutneho prumyslu a ridnych bani a Ministerstvo strojarenstva)
Bratislava, Czechoslovakia. Vol. 8, no. 6, June 1959.

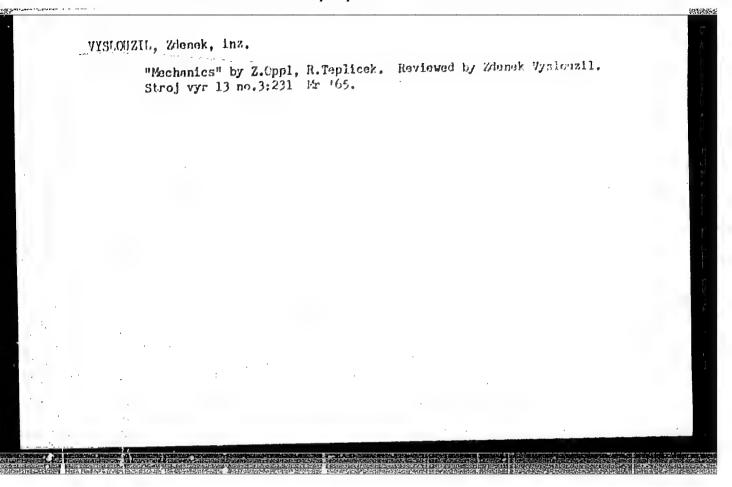
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Uncl.

WYSLOUZIL, Zdenek, inz.

Electric resistance heating in the upsetting of stem-shaped steel components. Stroj vyr 11 no.5:246-249 My 163.

1. Zavody presneho strojirenstvi, n.p., Gottwaldov,



......... GIVEN HEAVE q Country: Caseleslevakia Academic Degrees: Affiliation: Tuberculesis Research Institute (Vyzkumny ustav tuberkulezy), Progue. Director: decent Dr Radolf KRIVERA. Source: Prague, Rozhledy v Tuberkulese a v Nemocech Plienich, No 4, Apr 61, pp 271-275 Data: "A Contribution to the Question of Strain on the Right Heart and on Pulmonary Circulawion, Following Pneumonectory for Tuberculosis." Co-cuthors: LUKES, M. WIDESKY, J. DEJDAR, R. VALACH, A. Note: Four affiliations are given for the five (including VYSLOUZIL) co-authors, in the following order: 1. Institute for Pestgraduate Medical Training (Ustav pro deskolovani lekaru). Director: professor Jan MONLOCH, acctor of medical sciences. 2. Chair of Fathisiology (Katedra Ttizeologie). Head: docent Dr Rulolf KRIVINGA. 3. Tuberculosis Research Institute [see above]. 4. Institute for Circulatory Diseases (Ustav pro choroby obehu krevního), Prague-Kre. Director: professor Dr K. WEER. Alcopt for VYBLOUZIL's mail address (Tuberculosis Research Institute), there is no clus to the affiliation or affiliations of the individual co-authors. 6PG 901643

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Crintry: Caecheslovakia

Academic Degrees:

Affiliation: Tuberculosis Research Institute (Vyzlamny ustav tuberkulozy), Prague. Direc-

Scurce: Prague, Rozhledy v Tuberiadose a v Namocech Plienich, No 5, May 61, pp 363-375

Data: "The Significance of Examining the Pulmonary Circulation prior to the Surgical

Co-muchors: LUNES, M. WEDDERY, J. DEJDAR, R. VALACH, A.

Hote: Four affiliations are given for the five (including VYSLOUZIL) co-authors, in the following order:

1. Institute for Postgraduate Medical Training (Untay pro doskolovení lekaru). Director: professor Jan 12103LCCH, doctor of science. 2. Chair of Fathisiology (Katedra ftizeologie). Head: docent Dr R. KHVIKKA.

3. Tuberculosis Research Institute [see above].

4. Institute for Circulatory Diseases (Ustav pro choroby chehu krevniho), Pragus-Kre. Director: prefessor K. MARIR.

Through for VMCLOUATL's nail eddress (Tuberculosis Research Institute), there is no cluto the affiliation or affiliations of the individual co-authors.

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KASALICKY, J.; VALACH, A.; DEJDAR, R.; KUBAT, K.; WIDIMSKY, J.; VYSLOUZIL, Z.; LUKES, M.

Cor pulmonale in tuberculosis. Rev. czech. med, 8 no.3:164-170 162.

1. Institute for Cardiovascular Research, Prague-Krc Director: Doc. Dr. J. Brod, D.Sc. Tuberculosis Research Institute, Prague-Bulovka Director: Doc. Dr. R. Krivinka.

(TUBERCULOSIS, PULMONARY) (PULMONARY HEART DISHASE)

KASALICKY, J.; DEJDAR, R.; VYSLOUZIL, Z.1 LUKES, M.

The effect of pendiomide (61ba) on the greater and lesser circulations of patients with chronic pulmonary disease. Cor vasa 5 no.2:120-127 163.

1. Institute for Cardiovascular Relearch and the Institute for Tuberculosis Repearch, Prague.

(PULMONARY CIRCULATION) (TUBERCULOSIS, PULMONARY)

(SILICOSIS) (BRONCHITIS) (AZAMETHONIUM COMPOUNDS)

VYSLOUZIL, Zdenek (Praga, Gzechoslowacja)

Pulmonary circulation and overloading of the right ventricle of the heart in tuberculosis. Gruzlics 31 no.6:551-554 Je 63.

VYSHYI, L.; FABOK, V.

"Automatic remote control and protection of the multimotor drive." p. 120

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied) Bratislava, Czechoslovakia, Vol. 7, no. 3, 1955.

Monthly List of East European Accessions Index (EEAI) LC, Vol. 8, No. 9, Sept. 1959 Uncl.

#### VYSOCAHSKY, M.

"Dynamic Characteristics of Electron Tubes; A Fatheratical Solution of the Problem," P. 401. (TECHNICZA IPACA, Vol. 6, No. 7, July 1954, Bratislava, Czechoslovakia)

SO: Fonthly List of East European Accessions, (EFAL), IC, Vol. 4, No. 1, Jan. 1955, Uncl.

VYSOCANSKY, M.

Universal source of power for an amateur laboratory. p. 627. TECHNICKA PRACA, Bratislava, Vol. 6, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

VYSOCHANSKAYA, V.P.; DEHANGIR'YANTS, D.A.; KOLPAKOV, V.B.

Hydrochemical indicators of the presence of oil in Upper Albian sediments of the Emba artesian basin. Trudy Inst. geol. i geofis.

AN Kazakh. SSR 1:99-103 '63. (MIRA 16:7)

(Emba region-Petroleum geology)

(Geochemical prospecting)

(Emba region-Water, Underground)

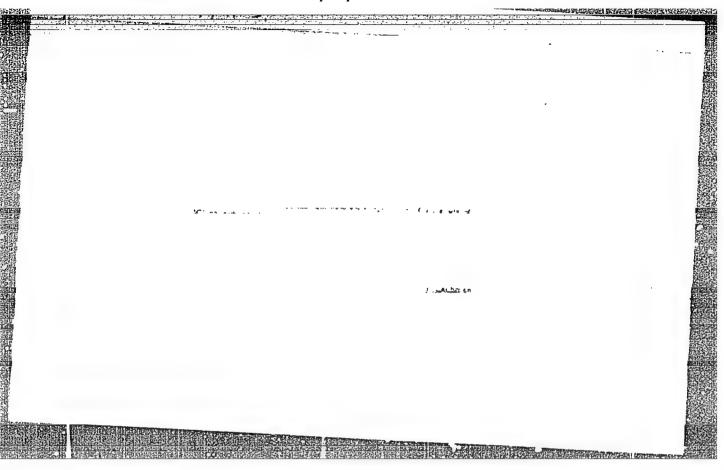
SDELOVACE TECHNIKA (Communication Engineering, Czechoslova Vol 2, No. 8, August, 1954	akin)		
Y) CONTRY, A	7		
Radio waves in astronomy.  By J. Filipek			
Problems of manufacture of receiver tubes (in Grechoslo	vakie,		
Now oscillator circuit.  New oscillator circuit.  New oscillator circuit.	nlevisi	on	
News 1953, November, p. 107.  By S. Vojtasek		238	t 
fraphical solution of starter circuits (a few practical solutions).  By M. Vyscoensky	<u> </u>	240	
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VYSOCHANSKIY, A. S.

"Light Absorption and Photoluminescence of Thallium Halides." Gand Phys-Math Sci, Odessa U, Odessa, 1954. (RZhFiz, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55



AUTHOR: Vysochanskiy, A. S.

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TITLE: On photoluminescence of thallium bromide. (O fotolyuminestsentsii bromistogo talliya).

PERIODICAL: "Optika i Spektroskopiya" (Optics and Spectroscopy), 1957, Vol.2, No.3, pp.387-388 (U.S.S.R.)

ABSTRACT: Thallium bromide is similar in many respects to silver bromide and the properties of the former are of interest in the theory of photographic processes. Emission and absorption spectra of sublimated layers of thallium browide were studied. The bromide was prepared from chemically pure and triply recrystallized TiNOz, KBr and NH, Br. The preparation was carried out in darkness since thallium bromide is affected by light. The samples were in a form of sublimates or layers melted between quartz plates or in powdered form. Emission spectra were recorded photographically and using a visual spectra were recorded photographically and using a visual spectrophotometer. Absorption spectra were measured on a Beckmann spectrophotomer from 2200 to 4600 A. Absorption of thallium bromide on quartz base was compared with quartz alone. In addition to the known absorption maxima at 2390 and 2730 A, two more at 3750 and 4000 A were found. The latter two maxima are enhanced by ultraviolet irradiation; at higher light intensity a maximum at 4200 A appears but the sample

On photoluminescence of thallium bromide. (Cont.) 51-3-18/24 then ceases to be luminescent. Both on sublimation and on ultraviolet irradiation thallium bromide partially decomposes with evolution of Br. This indicates that additional absorption bands are due to excess of thallium, especially since treatment of the illuminated samples with Br decreases or destroys additional absorption. Emission occurs only below -160 C; a green band with a maximum of 5300 A and a red one with a maximum at 6400 A appear. Illumination weakens the green band and strengthens the red band; stronger illumination depresses emission generally and destroys the green band. The author concludes that thallium bromide is a crystal phosphor in which excess Il serves as an activator. At low concentrations the excess Tl green emission predominates. With increase of Tl content red emission and green emission both reach their optima. With high Tl content a concentration quenching of luminescence occurs and centres consisting of groups of T1 atoms are formed. These centres cause fine structure in the absorption spectrum up to 7400 A. On treatment with Br the excess of Tl is decreased and luminescence appears again. There are 2 figures showing the absorption and emission spectra and 4 references, two of which are Slavic.

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Card 2/3

On photoluminescence of thallium bromide. (Cont.)
SUBMITTED: September 5, 1956.

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Vysochanskiy, A.S.

TITLE:

AUTHOR:

On photoluminescence of thallium iodide

PERIODICAL:

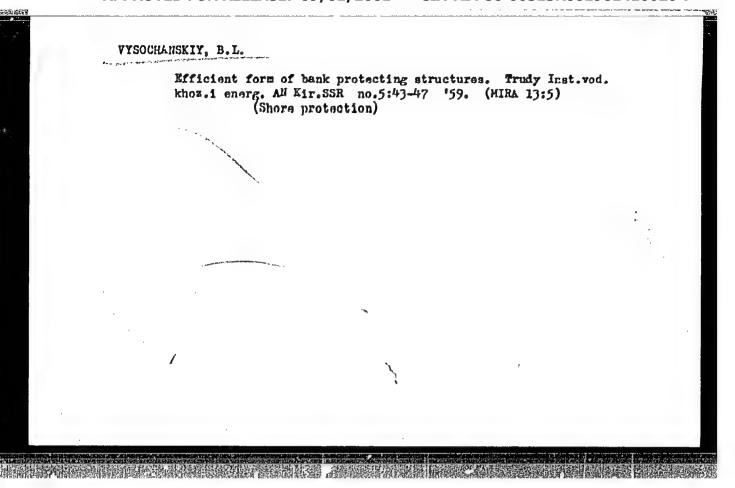
Referativnyy zhurnal. Fizika, no. 7, 1961, 154, abstract 7V414 ("Nauchn. zap. kafedr matem., fiz. i yestestvozn. Odessk. gos. ped. in-t", 1959, v. 24, no. 1, 50 - 51)

The introduction of a superstoichiometrical excess of Tl causes the appearance of new bands in the TlI absorption spectrum with maxima at 3850 and 4400 Å. Spectra of TlIluminescence were observed in preparation with pure cubic structure and in preparations of cubic structure with hexagonal interstices at strong cooling (down to -183°C) under action of ultraviolet radiation of a mercury vapor lamp. At the -183°C temperature only those TlI specimens which contain a stoichiometric excess of Tl show luminescence. Preparations with cubic lattice have emission bands at ~5450 and 6500 Å, and preparations of cubic structure with hexagonal interstices have in addition bands ~5050 and 5950 Å. A conclusion has been drawn from the comparison of spectra of absorption and emission that excessive Tl plays the role of activator in TlI. G. Liyd'ya [Abstracter's note: Complete translation]

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ARTAMONOV, K.P.; VYSOCHANSKIY, B.L.

Regulating rock-fill installations. Izv.AN Kir. SSR. Ser. est. 1 tekh. nauk 5 no.3:129-139 '63. (MIRA 16:11)

## VYSOCHANSKIY, I.P., uchitel

Young naturalists make visual aids on biology. Biol. v shkole no.3:73-75 My-Je 160. (MIRA 13:7)

1. Nesterovskaya vos miletnyaya shkola No 1. Nesterovskogo rayona. L'vovskoy oblasti. (Biology-Audio-visual aids)

### "APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961410020-7

VYSOCHANSKIY, M.

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VYSOCHANSKY, M., MUKHIN, S. V., TSUN-TSIN, PIN., RIKHVITSKY, S. V., and SEMENYUSHKIN, I. N.

"Multichannel Coincidence System with Short Pules Intervals"

Joint Institute of Nuclear Reseach, Dubna, USSR.

report submitted for the IAEA conf. on Nuclear Electronics. Belgrade, Yugoslavia 15.20 May 1961

VYSOCHANSKIY, M.; MUKHIN, S.V.; PIN TSUN'-TSIN [P'ing TS'un-ch'ing];

RIKHVITSKIY, S.V.; SEMENYUSHKIN, I.N.

Multichannel coincidence circuit with a short separation time.

Prib.i tekh.eksp. 6 no.5:67-71 S-0 '61. (MIRA 14:10)

1. Ob"yedinennyy institut yadernykh issledovaniy. (Electronic circuits)

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RAZUVAYEV, G.A.; LATYAYEVA, V.N.; VYSHINSKAYA, L.I.; VYSHINSKIY, N.N.

New monocyclopentadienyl compounds of titanium. Dokl. AN SSSR 156 no. 5:1121-1123 Je 164. (MIRA 17:6)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kevskom gosudarstvennom universitete im. N.I.Lebachevskogo.

2. Chlen-korrespondent AN SSSR (for Razuvayev).

# "APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961410020-7

VYSOCHANSKII, S.N.

School Gardens

Work of a group of young melon growers. Est. v shkole, No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952, UNCLASSIFIED

## VYSOCHANSKIY, V.S., inzh.

Concerning the accuracy limit of the tension regulators of the reels of cold rolling mills. Elektrichestvo no.6:9-14 Je 162.

(MIRA 15:6)

1. Vsesoyuznyy nauchno-issledovateliskiy institut elektromekhaniki.
(Rolling mills)

### "APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961410020-7

8(3)

AUTHOR:

Vysochanskiy, V. S., Engineer

507/105-58-12-11/28

TITLE:

On the Change in Load Characteristics of Magnetic Amplifiers (Ob izmenenii nagruzochnykh kharakteristik magnitnykh usili-

teley)

PERIODICAL:

Elektrichestva, 1958, Nr 12, pp 49 - 51 (USSR)

ABSTRACT:

The magnetic amplifiers show a great number of deficiencies: 1) The current continuously flowing in the loaded circuit of the amplifier cannot be inferior to a definite value. 2) When a change occurs in the polarity of the pilot signal the load circuit of the amplifier will alter its form; this might cause the control system to operate incorrectly. This is a study of a circuit diagram of a magnetic amplifier with a standard resistor inserted into its load circuit. This circuit diagram makes it possible to entirely eliminate the abovementioned deficiencies of the amplifiers even if the cores are made of common electrotechnical steel The analysis of the results obtained by the circuit investigation suggests that inserting

Card 1/2

a standard resistor into the load circuit of the magnetic

### "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961410020-7

On the Change in Load Characteristics of Magnetic

307/105-58-12-11/28

Amplifiers

amplifier is a very flexible and efficient means of altering the

form of the load characteristic of the amplifier. There

are 6 figures and 3 Soviet references.

SUBMITTED:

May 12, 1958

Card 2/2

24079

S/144/61/000/007/002/003 D229/D303

1.1300

Vysochanskiy, V.S., Engineer

AUTHOR: TITLE:

Control of tension between rolls in cold-rolling mills

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Elektromekha-

nika, no. 7, 1961, 93 - 102

TEXT: A device is described for controlling the tension of strips between adjacent rolls in continuous strip rolling mills. This is important for obtaining an even thickness of strip, for avoiding strip ruptures and for further automation of the milling process. The device eliminates the functional relationship between the tension of strips and velocity ratio of adjacent rolls and keeps the tension constant. The synchronization of rolls is still required, but greater (by a factor of 12.5) tolerance can be allowed in the self-regulation of speed. The device is based on strip "storing", (see Fig. 1). A pressure roller moves between the two support rollers'l, creating a reserve of strip and evening out the tension of

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the strip. If the reserve is small, the mobile roller acts little on the strip, but its action increases with reserve of strip. Such a pull characteristic is possessed by an electromagnet with a rotary armature, hence the device incorporates such an electromagnet. The pull of the roller does not exceed 12 % of the strip tension. Hence the required maximum of magnetic moment is

 $M = 0.12 \text{ T} \cdot R = 0.12 \cdot 20000 \cdot 50 = 120000 \text{ kgcm}.$  (4)

The diameter of the mobile roller is 300 mm. The dimensions of the electromagnet were calculated and a model electromagnet constructed which was laboratory-tested. There was good agreement between calculated values and experiment. A control system incorporating the above device was used for the 5-roller mill MMK. It operates as follows: A servomechanism on the electromagnet transmits the voltage difference (between the voltage corresponding to the actual tension of the strip and the voltage corresponding to the standard tension) to an amplifier which controls the voltage of the roller-motor generators. The device eliminates dynamic, as well as

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Control of tension between ..

static tension deviations; the dynamic error constitutes only 0.344 % and is negligible. In conclusion, the introduction of the device would boost productivity. The application range of the device includes also hot rolling of thin sheets, and mechanisms which work strip, bands and wire. There are 5 figures, 1 table and 6 references: 5 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: W.C.F. Hessenberg, M.A. Cantab, Jenkin, Some Features of Tandem Mill Theory "Sheet metal Industries", October 1955, vol. 32, no. 342.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Power Engineering Institute)

January 30, 1961 SUBMITTED:

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# "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961410020-7

New type of a tension no.10:38-41 0 '61.	n regulating device. (Tensiometers)	Vest. elektroprom. 32 (MIRA 14:9)	
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L 3108-66 EWT(d)/EWT(m)/EMP(1)/EWP(c)/EMP(v)/T/EMP(t)/EMP(k)/EMP(h)/EMP(b)/EMP(1)
ACCESSION NR: AP5026358 JD UR/0105/64/000/009/0094/0055

AUTHOR: Tsvetkov, V. A.; Birzniyek, L. V.; Vysochanskiy, V. S.; Shakhnazaryan, Yu. M.; Kazanskiy, V. Ye.; Kapuntsov, Yu. D.; Salekh, M. A. Kh.; Frumkin, A. L.; Bakhovtsov, B. A.

TITLE: Dissertations in competition for the academic degree of doctor of technical sciences

SOURCE: Elektrichestvo, no. 9, 1964, 94-95

TOPIC TAGE: electric engineering, electric power engineering, electric equipment, electric distribution equipment, electric rotating equipment, automatic control, automatic control system

Abstract: The following defended dissertations at the Moscow Power Engineering Institute: V. A. TSVETKOV, 14 December 1962, on the theme "Autoparamagnetic Phenomena and Surges in Three-Phese Circuits which Contain Ferromagnetic Equipment," his official opponents -- Dector of Technical Sciences. Professor V. A. TAFT and Candidate of Technical Sciences, Locturer L. F. DECKHOVSKAYA; L. V. BIRZNIYEK, 4 January 1963, on the theme "Electromagnetic Processes in Eultistage Voltage Regulation Circuits in Electric

Card 1/4 MINOT AUTHORS THE ARTICLE

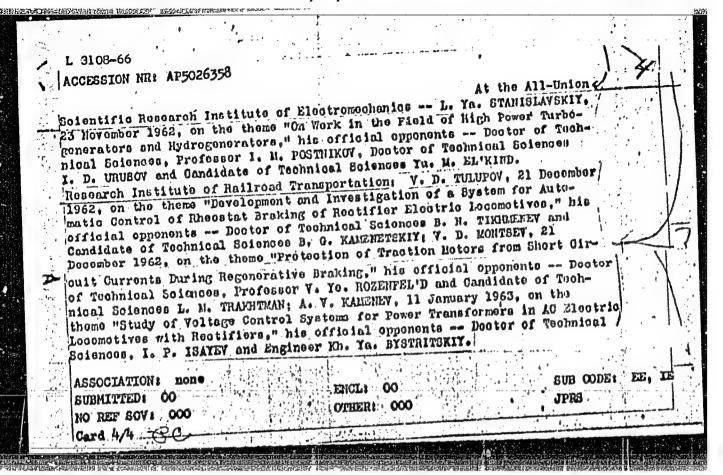
### L 3108-66 ACCESSION NR: AP5026358

Rolling Stock with Semiconductor Rectifiors," his official opponents --Doctor of Technical Sciences B. N. TIKHLENEY and Candidate of Technical Boiences, Lecturer L. M. TRAVHTMAN: Y. S. YYSOCHANSKIY, 18 January 1963 on the theme "Methods for Controlling the Strip Tension at the Reel of a Gold Rolling Mills," his official opponents -- Doctors of Technical Sciences N. P. KUNITSKIY and N. N. DRUZHININ; Yu. M. SHAKHWAZARYAN, 18 January 1963, on the theme "Approximate Methods for Analysis of Mon-Stationary Asynchronous Conditions in Electrical Systems," his official opponents -- Doctor of Technical Sciences, Professor L. G. MAMIKONYANTS and Candidate of Technical Sciences, Lecturer N. I. SOKOLOV; V. Yo. KAZANSKIY, 18 January, on the theme "Some Problems in Automation and Remote Control" of Power Systems," his official opponents -- Doctor of Technical Sciences, Professor I. A. SYROLYATKIKOV and Candidate of Technical Sciences V. K. SPIRIDOROV; Yu. D. KAPUNITSOV, 18 January 1963, on the theme "An Asynchronous Electric Drive with Non-Symmetric Connection of the Saturation Chokes in the Stator Circuit." his official opponents -- Doctor of Technical Sciences V. Ye. BOGOLYUBOV and Candidate of Technical Sciences, Lecturer D. N. LIPATOV; M. A. Kh. SALEKH, 22 February 1963, on the theme "Theoretical Study of the Operation of Minature Two-Phase Asynchronous Hachines when the Supply Voltage is not Sinusoidal," his official opponents -- Doctor of Technical Sciences, Professor A. I. BERTINOV and Candidate of Technical Sciences, Card 2/4

10

L 3108-66 ACCESSION NR: AP5026358

Lecturer P. Yu. KAASIK; A. L. FRUHKIN, 8 March 1963, on the theme "A Theoretical and Experimental Study of the Permeability of Anisotropic Thin Magnetic Films," his official opponents -- Doctor of Physical and Hathematical Sciences, Professor R. V. TELESNIN and Candidate of Technical Bolenoes, Lecturer P. P. MESYATSEV: B. A. BAKHOVTSOV. 19 April 1963, on the theme "Synthesis of Systems for Automatic Control of Starting and Stopping of Electric Drives," his official opponents -- Doctor of Technical Sciences, Professor A. S. SANDLER and Candidate of Technical Sciences, Lecturer Yu. Ye. EITUSOV. At the Koscow Higher Technical Academy imeni Bauman -- G. A. MIRONOV, 10 December 1962, on the thome "A Method for Experimental Programming of Electronic Digital Computers," his official opponents -- Doctor of Physical and Hathematical Sciences, Professor L. A. INUSTERNIK and Candidate of Technical Sciences, V. Ya. PETROV. At the All-Union Electrotechnical Institute im. Lenin -- Y. A. YOL'KENAU, 11 December 1962, on the theme "Conductivity of Carborundum," his official opponents - Doctor of Technical Sciences, Professor V. V. BURGSDORF and Candidate of Teelmical Sciences, D. V. SHISHLAN. At the Academy of Municipal Economy im. Pamfilov -- V. A. KOZLOV, 14 January 1963, on the theme "Problems in the Use of Closed Systems for Lunicipal Electrical Networks." his official opponents -- Professor P. G. GRUDINSKIY and Candidate of Technical Sciences. Lecturer F. F. VORONTSOV. I Not I dumary Plan. " The Brunston come to Card 3/4 ...... the was being to



# "APPROVED FOR RELEASE: 09/01/2001

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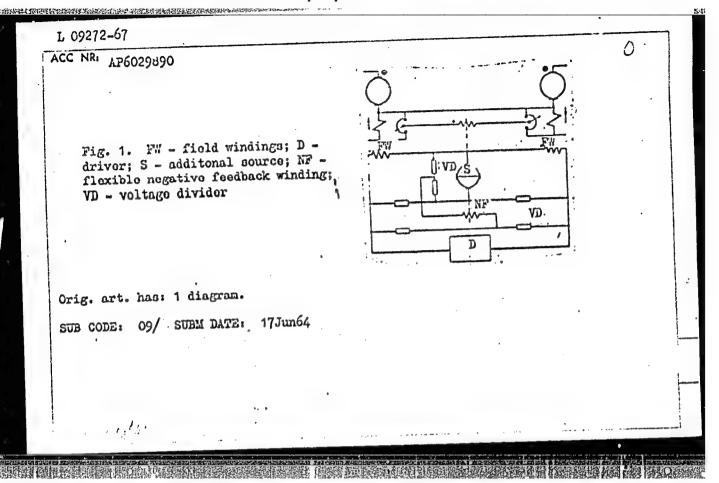
 $\mathbb{E}T(d)/\mathbb{E}T(v)/\mathbb{E}T(k)/\mathbb{E}T(h)/\mathbb{E}T(1)$ 1, 09272-67 SOURCE CODE: UR/0413/66/000/015/0051/0051 AP6029890 ACC NRI INVENTORS: Vysochanskiy, V. S.; Selivanov, A. D. ORG: none TITLE: Device for controlling the current in the field windings of two do electric motors. Class 21, No. 184325 SOURCE: Izobrot prom obraz tov zn, no. 15, 1966, 51 TOPIC TACS: electric motor, current stabilization ABSTRACT: This Author Certificate presents a device for controlling the current in the field windings of two dc electric motors supplied from a common driver. The . device is in the form of a bridge circuit, one diagonal of which is connected to the driver voltage, and the second -- to an additional voltage source regulated as a function of the currents, voltages, or velocities of the motors (see Fig. 1). To simplify and increase the stabilization efficiency, the additional source has a flexible negative feedback winding connected by one end to the center tap of a voltage divider supplied from this voltage. The divider resistances are proportional to the resistances of the bridge arms. The second end of the winding is connected to the center tap of a voltage divider with equal resistances supplied from the driver.

Card 1/2

UDC: 621.313.223.1.077.3

# "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961410020-7



VYSOCHENKO, N.P.

Rice growing in the southern Ukraine. Zemledelie 26 no.3: 31-33 Mr '64. (MIRA 17:4)

l. Glavnyy agronom kolkhoza "Radyans'ka Ukraina" Skadovskogo proizvodstvennogo upravleniya, Khersonskoy oblasti.

WYSOCHIN, B.M. [Wysochyn, B.M.] (Dnipropetrovsk)

Natural vibrations of three-hinged parabolic arches [in Ukrainian with summary in Russian]. Prykl.mekh. 3 no.4:467-471 '57.

(MIRA 11:2)

1. Dnipropetrovskiy institut inzhemeriv transportu.

(Arches--Vibration)

# "APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961410020-7

BONDAR', N.G., prof., doktor tekhn.nauk; TIMDSHENKO, V.V., kand.tekhn, nauk; VfSOCHIN, B.M., kand.tekhn.nauk

Froe vibrations in spans of hingeless arched bridges. Trudy
(MRA 12:1)
DIIT no.27:65-84 '58.
(Bridges, Arched---Vibration)

VYSOCHIN, Boris Avksent'yevich[Vysochyn, B.O.], kand.tekhn.nauk;

KAIEKUST, Mikhail Yefremovich, inzh.; SEMENKO, M.V., red.;

SAVCHENKO, M.S., tekhn. red.

[Use of electric motors and start-protecting equipment]
Ekspluatatsiia elektrodvyhuniv ta puskozakhysnoi aparatury.
Kyiv, Derzhsil'hospvydav URSR, 1960. 88 p. (MIRA 15:7)
(Electric motors—Starting devices)

VYSOCHIN, B. [Vysochnyn, B.], kard.tekhn.nauk; BELOUSOV, Ye. [Bielousov, IE.], arkhitektor; MAKHNOVSKIY, L. [Makhnovs'kyi, L.], inzh.

Built by students. Sil'.bud. 12 no.3:9-10 Mr '62. (MIPA 15:8)

(Lugansk Province—Farm buildings)

# "APPROVED FOR RELEASE: 09/01/2001 CIA-I

ERESTRATION FORMACELA FIRENCIA DE LE SECURIOR DE LA COMPANSION DE LA COMPA

CIA-RDP86-00513R001961410020-7

BABIY, A.A.; STARSHINOV, B.N.; ONOPRIYENKO, V.P.; NEZHNOV, G.N.; KUSHNAREV, A.P.; KONAREVA, N.V.; Printmall uchastiye: Florov, K.N.; BUDINGKIY, G.M.; VISOCHIN. I.Io.; OKOLELOV, A.N.; STRIGIN, V.I.; AFANASTEV, A.A.; SAPRONOV, B.V.

Desulfurizing and dephosphorizing cast iron in the ladle.

Sbor.trud. UNIIM no.11:90-95 \*65. (MIRA 18:11)

### VYSOCHIN, M.; NAGORNYY, A.

We will reach the 200 million figure! Pozh. delo 9 no.6:11-12 Je '63. (MIRA 16:8)

1. Zamostitel nachal nika Upravleniya pozharnoy okhrany, Rostov-na-Donu (for Vysochin). 2. Inspektor Upravleniya pozharnoy okhrany, Rostov-na-Donu (for Nagornyy).

VYSOCHIN, V.A., inzh.; DEMINA, Ye.T., inzh.

THE REPORT OF THE PROPERTY OF

Relation between the iodine number and the refraction coefficient of oils, and the application of this relation to the control and regulation of the hydrogenation process. Masl.-zhir.prom. 26 no.12:19-23 D 160. (MIRA 13:12)

1. TSentral naya nauchno-issledovatel skaya laboratoriya zhirovoy promyshlennosti Mosgarsovnarkhoza.

(Oils and fats) (Hydrogenation)

VYSOCHIN, V.A., inzh.; POPOVA, E.Ya., inzh.

Quantitative analysis of fatty acid mixtures by the chromatographic method on Russian made paper. Report No. 1. Masl.-zhir. prom. 27 no.9:21-24 S '61. (MIRA 14:11)

1. TSentral'naya nauchno-issledovatel'skaya laboratoriya zhirovoy promyshlennosti Mosgorsovnarkhoza.

(Acids, Fatty--Analysis) (Paper chromatography)

SHEVCHENKO, A. (UB5CLX) (Chernovtsy); BASOV, V. (Moskva); PRILUTSKIY, G.

(Pyatigorsk); ARKHIPOV, Ye. (Bugul¹ma); VYSOCHIN, V. (Moskovskaya
obl.); PRIKHUNOV, I. (Moskovskaya obl.); OELASOV, G. (Kiyev);
obl.); PRIKHUNOV, I. (Moskovskaya obl.); OELASOV, G. (Kiyev);
SMIRNOV, Yu. (UA4TB) (Kanash); KHOKHLOV, B. (Mcskva); KHALDEYEV,
A. (Przheval¹sk); SKOBELEV, I. (Primorskiy kray); PROSKUROV, V.

(Irkutsk); DOBRYNIN, Yu. (g.Ivanovo /obl./)

Exchange of experience. Radio no.10:22,26,29,32,37,40,44,46,58
(MIRA 18:2)

0 \*64.

### "APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001961410020-7

L 28385-66 EWT(d)/EWP(1) IJP(c) GG/88

ACC NR. AP5023385 (A) SOURCE CODE: UR/0317/65/000/005/0048/0051

AUTHOR: Vysochin, V. (Engineer, Captain)

ORG: None

TITIE: Self-education is made easier

SOURCE: Tekhnika i vooruzheniye, no. 5, 1965, 48-51

TOPIC TAGS: teaching machine, education

ABSTRACT: A special training device for self-instruction and self-

ABSTRACT: A special training device for self-instruction and self-examination is described. The device represents an electric circuit composed of a 12-w, 26-v, d-c motor and a system of relays, contactors, switches, signal lights, recording contacts, push-buttons, etc. The device is fed from the network through a rectifier. The material for study is recorded on a 120-mm film. The size of each frame is 9 x 12 cm. First, the problem under study is described including circuit diagrams, drawings, etc. Then, one question and five various answers, of which only one is correct, are presented at the end of the film frame. The student must select the right answer by pushing one of five circuit buttons. The right and wrong answers are checked by signal lamps. A wiring diagram of the circuit was presented and a detailed description of operating procedure was explained. Orig. art. has: 2 diagrams.

SUB CODE: 05 / SUEM DATE: None / ORIG REF: 000 / OTH REF: 000

Card 1/1 00

EWP(k)/EWT(m)/T/EWP(w)/EWP(t)/ETI JD/HW IJP(c) UR/0137/65/000/011/0005/0005 L 43080-66 SOURCE CODE: (N,A)ACC NR: AR6014374 AUTHORS: Kozlov, V. T.; Vysochin, V. D. TITIE: Improvement of fatigue properties of wire cable by means of elasticplastic elongation SOURCE: Ref. zh. Metallurgiya, Abs. 11D30 REF SOURCE: Sb. Stal'n. kanaty. Vyp. 2. Kiyov, Tekhnika, 1965, 425-427 TOPIC TAGS: wire, wire product, fatigue strength, elongation ABSTRACT: Results of investigations show that elastic-plastic elongation changes the character of the distribution of residual tensions. The fatigue properties & of wire cables are notably improved by the proper choice of drawing technology of and elongation stresses. 3 illustrations, 2 tables. L. Kochenova Translation of abstract/ SUB CODE: 13,11,20 UDG: 621.771.001

BILICHENKO, N. Ya., dotsent, kand.tekhn.nauk; VYSOCHIN, Ye. M., aspirant ZAYGORODNIY, Ye. Kh., gornyy inzhener

Increasing the length of belt conveyers installed on inclines.
Vop. rud. transp. no.2:128-141 1957. (MIRA 14:4)

1. Dnepropetrovskiy gornyy institut.
(Gonveying machinery)

THE RESIDENCE AND ADDRESS OF STREET AND ADDRESS OF STREET, STR

KUZNETS(V, B.A., dotsent, kand.tekhn.nauk; VYSOCHIN, Ye. M., aspirant

Relation between the material conveyed and the performance of continuous-operation conveyer scales. Vop. rud. transp. no.2:153-158 1957. (MIRA 14:4)

1. Dnepropetrovskiy gornyy institut.
(Conveying machinery)
(Scales (Weighing instruments)

BILICHERKO, N.Ya.; ZAVGORODNIY, Ye.Kh.; VYSOCHIN, Ye.M.

Measuring torques of driving shafts. Izm.tekh. no.1:23-24 Ja
(160. (MIRA 13:5)

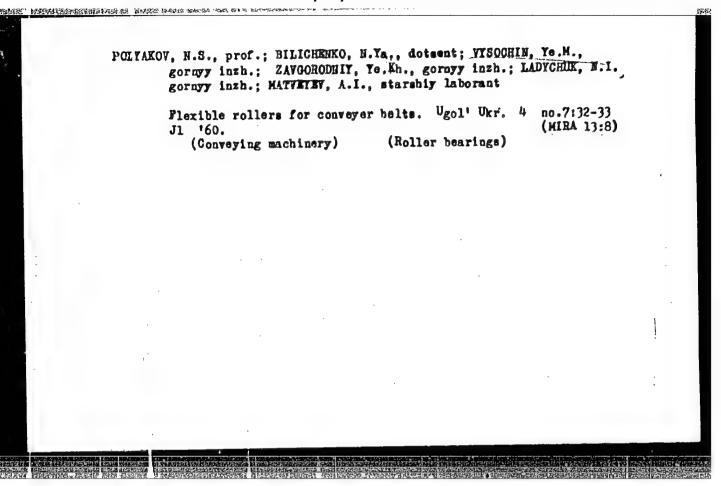
(Shafting) (Torque--Measurement)

# VYSOCHIN, Ye. M., aspirant Relation between the flexible qualities of a belt and the performance of conveyor scales. Yop. rud. transp. no.2:142-152 1957. 1. Dnepropetrovskir gornyy institut. (Scales (Weighing instruments)) (Conveying machinery—Testing) (Belts and belting)

B.LICHENKO, N. Ya., kand.tekhn.nauk; VYSOCHIN, Ye. M., gornyy inzhener
ZAVGOROINYY, Ye, Kh., gornyy inzhener.

Increasing the length of inclined belt conveyers. Vop. rud.
transp. no.3:68-81 1959. (MIRA 14:4)

1. Dnepropetrovskiy gornyy institut.
(Conveying machinery)



BILI(HENKO, N.Ya., kand, tekhn.nauk; VISOCHIN, Is.M., inmh.; ZAVORODNII, Is.Kh., inmh.

Equipment for thorough testing of underground belt conveyors. Vop.rud. (MIRA 14:3)

transp. no.4:126-146 \*60. (MIRA 14:3)

1. Dnepropetrovskiy gornyy institut im. Artema. (Conveying machinery)

### "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961410020-7

POLYAKOV, J.S.; BILICHENKO, N.Ya., kand.tekhn.nauk, VYSOCHIN, Ye.M., inzh.; ZAV ZORODNIY, Ye.Kh., inzh.; LADYCHUK, N.I., inzh.; HATVETEV, A.I., starshiy laborant

Des lgning and industrial testing of flarihla supporting rollers of belt conveyors. Vop.rud. transp. no.4:159-175 '60. (MIRA 14:3)

1. knepropetrovskiy gornyy institut im. Artema. 2. Chlen-korrespondent AN ESSR (for Polyakov).

(Conveying machinery—Equipment and supplies)

Theory of automatic conveyor scales.	Vop.rud. transp.no.4:176-191 160 (MIRA 14:3)
l. Dnepropetrovskiy gornyy institut (Conveying machine) (Scale (Weighing in	im. Artema.
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BILICHENKO, N.Ya., kand. tekhn. nauk; VYSOCHIN. Ye.M., inzh.;
ZAVG(RODNIY, Ye.Kh., inzh.

Over all studies of RTU-30 belt conveyors. Vop. rud. transp.
no.5:7-16 '61.

1. Diepropetrovskiy gornyy institut.
(Conveying machinery)

BILIGHENKO, N.Ya., kand.tekhn.nauk; VYSOCHIN, Ye.M., insh.; ZAVGORODNIY, Ye.Rh., insh.

(perating conditions for rubberized conveyer belts. Vop. rud. (MIRA 15:8)

transp. no.6:3-13 '62. (MIRA 15:8)

(h. Dnepropetrovskiy gornyy institut. (Conveying machinory)

BILICHEIRO, N.Ya., kand.tekhn.nauk; ZAVGORODNIY, Ye.Kh., inzh.; WYSOCHIN,
Ye.M., inzh.

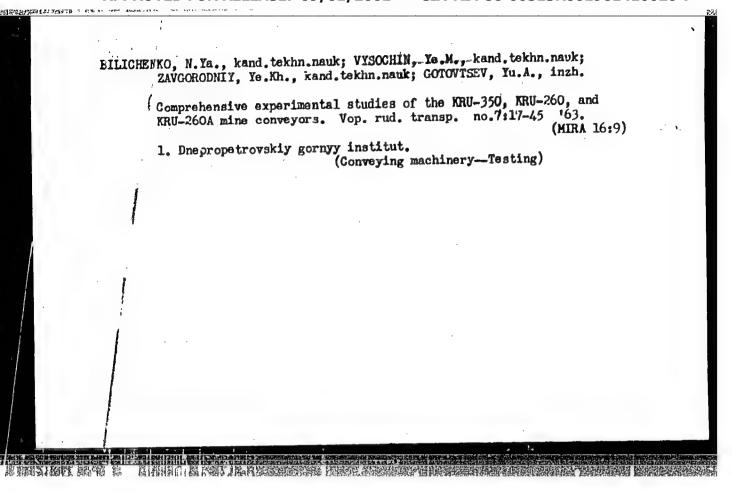
Overall studies of the KLS-1200 belt conveyor. Vop. rud. transp.
no.6:13-24 '62.

1. Dnepropetrovskiy gornyy institut.
(Conveying machinery)

BILICHENKO, N.Ya., dotsert; VYSOCHIN, Ye.M., kand.tekhn.nauk; ZAVGORODNIY, Ye.Kh.; GOTOYTSE7, Yu.A., inzh.

Some deficiencies in the operation of pulling stations for belt conveyors. Ugol' Ukr. 7 no.6:29-30 Je '63. (MIRA 16:8)

1. Dnepropetrovskiy gornyy institut.



ZAVCORODNIY, Ye.Kh., kand.tekhn.nauk; BILICHENKO, N.Ya., kand.tekhn.nauk;

VYSOCHIN, Ye.M., kand.tekhn.nauk

Vop. rud. transp. no.7157-63 163. (MIRA 16:9)

1. Dnepropetrovskiy gornyy institut.

(Gonveying machinery—Elastic properties)

OSTROVSKIY, Semen Moiseyevich; PETRENKO, Yevgeniy Vasil'yevich;

KORFRED Veniamin Grigor'yevich; BOYKO, A.A., retsenzent;

BELOSVETOV, ..V., red.; LYSOCHIN, Ye.M., red.; DVOYKIN,

A.I., red.; DENISENKO, A.I., red.; LOKSHIN, B.S., red.;

MARSHAK, I.S., red.; NAYEROV, R.Ya., red.; NEKRASOVSK...,

Ya.E., red.; RATUSHNYY, A.A., red.; RIPP, M.G., red.

[Handbock for Donets Basin miners] Spravochnik shakhtera Donbassa. Moskva, Izd-vo "Nedra," 1964. 411 p. (MIRA 17:7)

### "APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961410020-7

SUBOLEVERAYA, K.A.; VYSOCHINA, G.I.

Study of flavonoids in the Altai representatives of the genus
Folygonum L. Rast.res. 1 no.3:367-369 165. (MIRA 18:10)

L. Sibirskiy botanicheskiy sud, Novonibirsk.

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L 13582-63 ENT(1)/ENT(m)/BDS AND/AFFT C/ASD AR/K
ACCESSION FR: AP:003;22 8/0205/63/003/004/0494/0500
AUTHOR: Ny sochi; 1. V.

TITLE: Changes in the spectral character of oxyhemoglobin resulting from x-ray irradiation /9

SOURCE: Radiobi logiya, v. 3, no. 4, 1963, 494-500

TOPIC TAGS: principles apectra, oxygenation, oxyhemoglobin, blood irraliation, oxyhemoglobin apectrum, heme, globin

ABSTRACT: Rabbits and rats were subjected to total-body irradiation using an RM-3 apparatus (180 kv, 15 mamp; filter, 0.5 mm Cu; dose rate, 21 r/min; total dose, 900—1300 r). Blood specimens from the auricular vein of rabbits, the jugular vein of rats, and the finger of a human subject were irradiated in vitro (180 kv, 15 mamp; no inter; distance, 13 cm; dose rate, 1400 r/min; total dose, 1, 5, 10, 20, and 30 km. Remoglobin specimens were prepared from the blood of the irradiated rabits and rats and the human blood irradiated in vitro and their electron spectra studied on an SF-4 spectrophotometer in the visible, near-ultraviolet, and near-infrared regions of the spectrum. Simultaneously oxygen and carbon m noxide incorporation curves were taken, hemoglobia concentrations Cord—1/5.2

L 13582-63 ACCESSICT NR: AP3003922

were determined, and erythrocyte counts were made. Irrediation-induced changes appearing in the exphemoglobin spectrum immediately following irradiation persisted until death of the animal. These were as follows: 1) The maximum of the 342-mu oand shifts to 330 or 350 mu, and two or three peaks or a single wide plateau appear in the Soret band in the 412-417-mu region, representing the superposition of several bands close together in wavelength and intensity. 2) Absorption intensity increases in radiosensitive animals and decreases or shows very little change in radic-resistant animals. 3) Blood irradiation in vitro produced the same changes a total-body irradiation. 4) Absorption intensity increases considerably juring irradiation with a 1000-r dose, probably as a result of resonance phenomena. Doses greater than 1000 r leave the absorption intensity practically wicherged or lower it. These changes were found in all samples whether irradiated in vivo or in vitro. 5) Changes observed in the oxyhemoglobin appetrum after irradiation are probably produced by the excitation of supplementary electron level; either of the iron in the heme, or of the nitrogen of the inidazcle remaint of the histidine of the protein part of the molecule. This prevents the formation of secondary coordinate bonds between the iron of the heme and globin during oxygenation, making the incorporation of oxygen more difficult. Orig. art. has: 5 figures.

Association: Enst. of Biological Physics,

Card 2/8:2

# Change in the electron spectra of oxyhemoglobin solutions irradiated in vivo and in vitro. Radiobiologiia 3 no.1s147-149 '63. (MIRA 16:2) 1. Institut biologicheskoy fiziki AN SSSR, Moskva. (OXYHEMOGLOBIN) (RADIATION—PRISIOLOGICAL EFFECT) (ELECTRONS—SPECTRA)

11D Nr. 996-1 24 June

RESPIRATION FUNCTION OF BLOOD IN RABBITS EXPOSED TO LETHAL DOSES OF X-INRADIATION (USSR)

Vysochina, I. V. Radiobiologiya, v. 3, no. 2, 1963, 204-210.
S/205/63/003/002/008/024

Twenty-five male rabbits weighing 3.0 to 3.5 kg were subjected to total-body x-fradiation with 900 to 1300 r from an PVM-3 apparatus (180 kv; 15 ma; filter, 0.5 mm Cu; distance, 50 cm; dosage, 21 r/min). The oxyhemoglobin dissociation curves and carbon dioxide combination curves before and after irradiation were studied; the hemoglobin concentration, the number of erythrocytes and leucycytes, and the pH of the whole blood were determined. It was found that there are two groups of rabbits: Group I — radiosensitive, and Group II — oxygen content of their blood dropped to 50% of the normal. The animals of

Card 1/2

AID Nr. 996-1 24 June

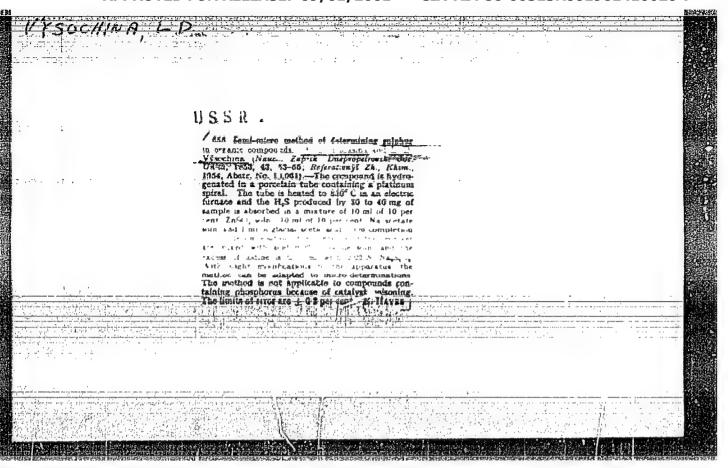
RESPIRATION FUNCTION OF BLOOD [Cout'd]

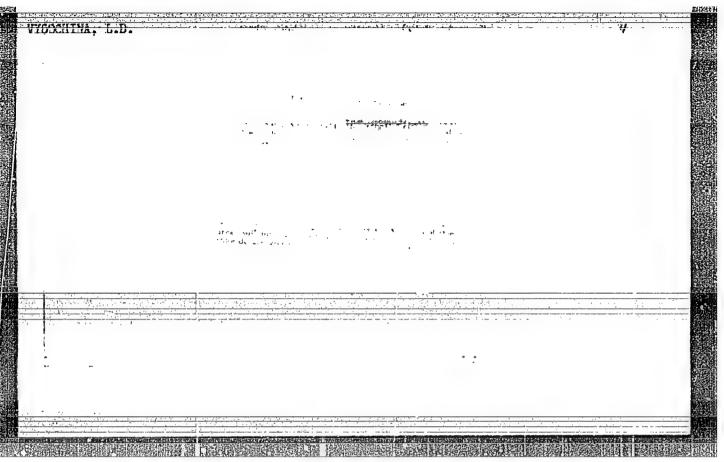
8/205/153/003/002/008/024

group II survived for more than 30 days after exposure; the oxygen content of their blood began to decrease only 2 to 3 weeks after exposure and continued to decrease until the animals died. Changen in the shape of the oxyhemoglobin dissociation curve indicate that x-irradiation causes the inflection point of the curve to shift to the right (in the direction of higher partial pressures) because the combination of oxygen and hemoglobin is impeded. The carbon dioxide combination curve also shifts to the right and downwards immediately after exposure, but to a lesser degree than the oxyhemoglobin dissociation curve. In time the rate of the curve drop increases; the pH of the blood decreases appreciably in radiosensitive rabbits and slightly in radioresistant rabbits. The deterioration in the ability of the blood to bind oxygen and carbon dioxide is due, apparently, to damage done to the hemoglobin molecules. Irreversible "internal" hypoxia is induced which causes death of the animals.

Card 2/2

	Transitional process and rever- hemoglobin. Biofizika 8 no.3:3	61-366 163.	
	1. Institut biologiches oy fiz	MIRA 17: 1ki AN SSSR, Moskva.	11)
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VISNEVSKIY, V.G., arkhitektor; VYSOCHINENKO, V.D., inzh.

Sections of administration and general services combines for coal mines. Shakht. stroi. 8 no.8:11-14 Ag '64. (MIRA 17:9)

1. Gosudarstvennyy institut po projektirovaniyu shakht v yuzhnykh rayonakh SSSR.

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